

## CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

**Employer Id :** E81398

**Employer :** Honeywell

**Worksite :** Honeywell

**Street :** 15001 Ne 36th St

**Jurisdiction :** City of Redmond

**Participation :** CTR

**Status :** Affected

**Survey Type :** Online

**Response Rate :** 56%

**Survey Date :** 6/5/2017

### Non-Drive Alone & One-Way VMT Rates at this Worksite

**Non-Drive Alone Rate :** 24.2%

**Drive Alone Rate :** 75.8%

**One-Way VMT per employee :** 13.9

**Average One-Way distance home to work :** 17.6

### Employees and Survey Response Information

**Reported Total Employees at Worksite:** 640

**Surveys Distributed :** 640

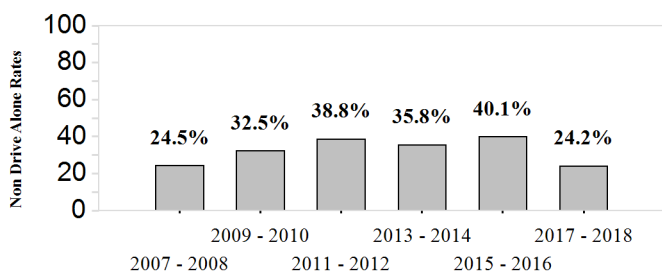
**Surveys Returned :** 361

**Surveys Returned by CTR Affected\* Employees :** 324

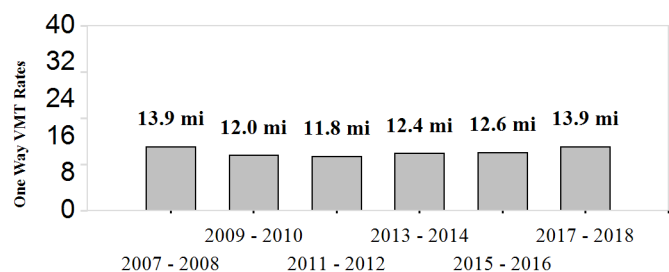
**Total Estimated CTR Affected Employees at Worksite :** 574

*\*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.*

#### Non Drive Alone Rates - ALL Employees



#### One Way VMT per Employee - ALL Employees



### Site History and Targets

#### Annual Metric Tons CO<sub>2</sub>e Pounds CO<sub>2</sub>e

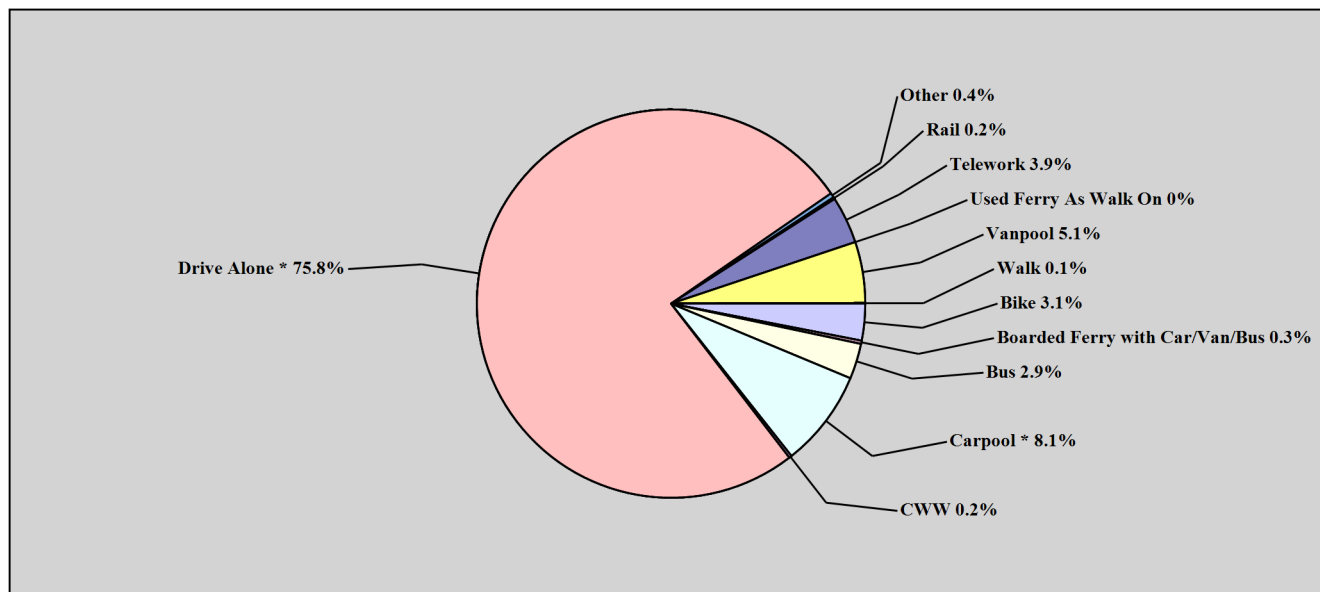
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	24.5%	28.6%	2060	2767	38.1	13.9	12.8
2009 - 2010	32.5%	34.6%	1314	1985	27.3	12.0	11.4
2011 - 2012	38.8%	41.6%	1136	1968	27.1	11.8	11.5
2013 - 2014	35.8%	38.4%	1221	2138	29.5	12.4	11.9
2015 - 2016	40.1%	42.5%	990	1892	26.1	12.6	12.0
2017 - 2018	24.2%	25.9%	1130	2003	27.6	13.9	13.3
Target	30.5%				Target:	11.4	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-0.3				% Change from Baseline:	0.0%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

## Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



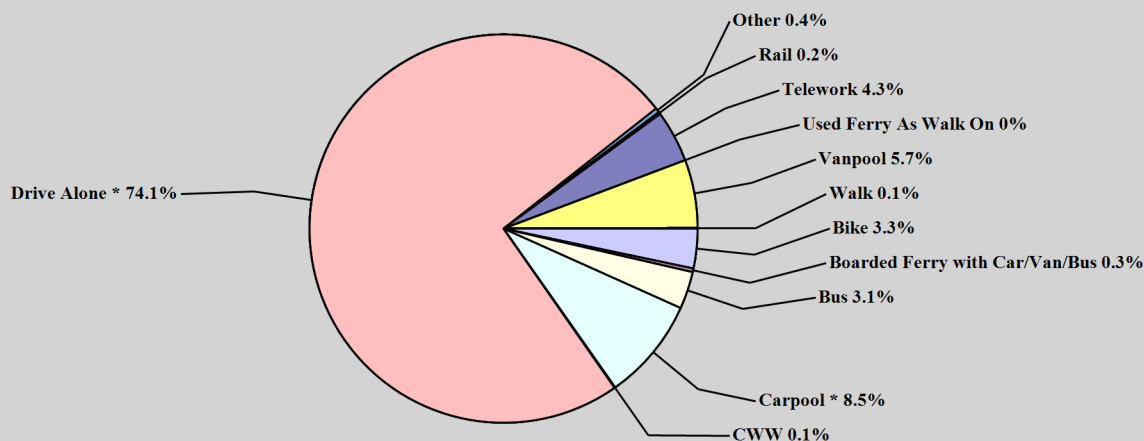
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,389	75.8%	59.8%	307	85.0%	75.0%
Carpool *	148	8.1%	7.6%	36	10.0%	11.8%
Vanpool	93	5.1%	4.7%	24	6.6%	6.7%
Bus	54	2.9%	4.7%	20	5.5%	7.5%
Rail	3	0.2%	0.5%	1	0.3%	0.8%
Bike	56	3.1%	3.3%	17	4.7%	7.5%
Walk	1	0.1%	0.1%	1	0.3%	0.5%
Telework	72	3.9%	18.2%	25	6.9%	31.2%
CWW	4	0.2%	0.1%	2	0.6%	0.5%
Boarded Ferry with Car/Van/Bus	5	0.3%	0.3%	1	0.3%	0.3%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	7	0.4%	0.7%	4	1.1%	1.3%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

## Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,215	74.1%	57.4%	273	84.3%	72.6%
Carpool *	140	8.5%	7.5%	34	10.5%	11.7%
Vanpool	93	5.7%	5.1%	24	7.4%	7.3%
Bus	51	3.1%	5.1%	19	5.9%	8.2%
Rail	3	0.2%	0.5%	1	0.3%	0.9%
Bike	54	3.3%	3.6%	16	4.9%	7.9%
Walk	1	0.1%	0.1%	1	0.3%	0.6%
Telework	71	4.3%	19.4%	24	7.4%	32.1%
CWW	1	0.1%	0.1%	1	0.3%	0.6%
Boarded Ferry with Car/Van/Bus	5	0.3%	0.3%	1	0.3%	0.3%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	6	0.4%	0.8%	3	0.9%	1.5%

\* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

**Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:**

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
<b>0 Day</b>	245	68%	361	100%
<b>1 Days</b>	16	4%	116	32%
<b>2 Days</b>	9	2%	100	28%
<b>3 Days</b>	18	5%	91	25%
<b>4 Days</b>	18	5%	73	20%
<b>5 Days</b>	50	14%	55	15%
<b>6 or More Days</b>	5	1%	5	1%

**Count by Occupancy of Carpools and Vanpools**

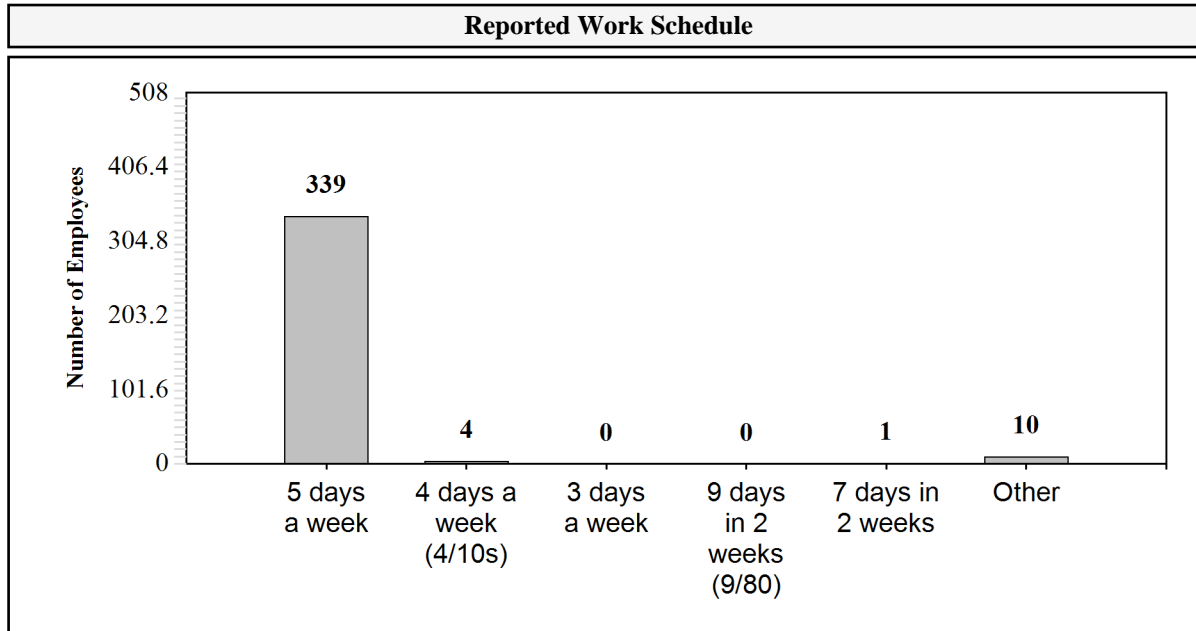
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
<b>2*</b>	Carpool	135
<b>3</b>	Carpool	8
<b>4</b>	Carpool	5
<b>5</b>	Carpool	0
<b>&gt;5</b>	Carpool	0
<b>&lt;5</b>	Vanpool	30
<b>5</b>	Vanpool	54
<b>6</b>	Vanpool	9
<b>7</b>	Vanpool	0
<b>8</b>	Vanpool	0
<b>9</b>	Vanpool	0
<b>10</b>	Vanpool	0
<b>11</b>	Vanpool	0
<b>12</b>	Vanpool	0
<b>13</b>	Vanpool	0
<b>14</b>	Vanpool	0
<b>&gt;14</b>	Vanpool	0

\* Motorcycle-2 counted with Carpool-2 for this table.

## Reported Work Schedule - All Employees

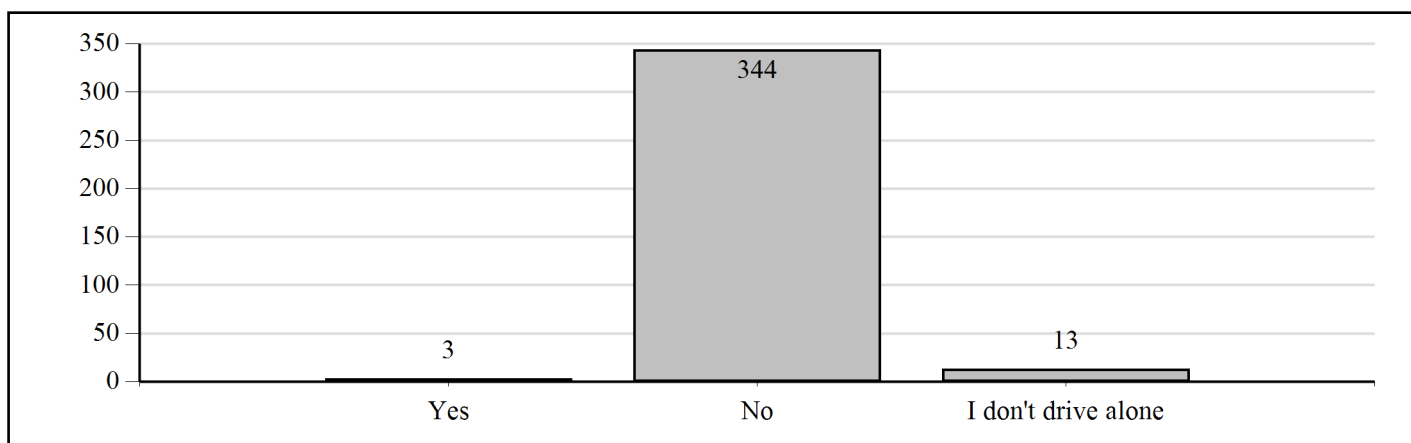
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	339	95.8%
4 days a week (4/10s)	4	1.1%
3 days a week	0	0%
9 days in 2 weeks (9/80)	0	0%
7 days in 2 weeks	1	0.3%
Other	10	2.8%

## Parking and Telework

**Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)**



**Q.10: How many days do you typically telework?**

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.3%
I don't telework	219	60.7%
Occasionally, on an as-needed basis	112	31.0%
1-2 days/month	9	2.5%
1 day/week	4	1.1%
2 days/week	2	0.6%
3 days/week	14	3.9%

**Reasons for driving alone to work/not driving alone to work**
**Q11. When you do not drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
To save money	108	15.6%
Free or subsidized bus, train, vanpool pass or fare benefit	85	12.3%
Personal health or well-being	79	11.4%
I have the option of teleworking	74	10.7%
Financial incentives for carpooling, bicycling or walking.	70	10.1%
To save time using the HOV lane	66	9.5%
Environmental and community benefits	65	9.4%
Other	63	9.1%
Emergency ride home is provided	29	4.2%
Driving myself is not an option	22	3.2%
Preferred/reserved carpool/vanpool parking is provided	21	3.0%
Cost of parking or lack of parking	8	1.2%
I receive a financial incentive for giving up my parking space	3	0.4%

**Q12. When you drive alone to work, what are the three most important reasons?**

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	242	27.5%
I like the convenience of having my car	216	24.6%
Family care or similar obligations	120	13.7%
Other	110	12.5%
My commute distance is too short	83	9.4%
Bicycling or walking isn't safe	61	6.9%
I need more information on alternative modes	24	2.7%
My job requires me to use my car for work	20	2.3%
There isn't any secure or covered bicycle parking	3	0.3%

## Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98052	39	10.80%	160	9	0	0	14	0	5	1	2	0	0	0	0
98034	18	4.99%	73	5	0	7	4	0	5	0	0	0	0	0	0
98053	17	4.71%	74	1	0	0	2	0	4	0	5	0	0	0	0
98059	12	3.32%	56	5	0	0	0	0	0	0	0	0	0	0	0
98072	12	3.32%	50	0	0	2	0	0	8	0	0	0	0	0	0
98021	11	3.05%	35	5	5	0	0	0	5	0	5	0	0	0	0
98019	10	2.77%	46	5	0	0	1	0	0	0	0	0	0	0	0
98012	8	2.22%	24	5	13	0	0	0	0	0	0	0	0	0	0
98027	8	2.22%	27	10	0	0	0	0	0	0	0	0	0	0	2
98077	8	2.22%	27	9	0	0	0	0	0	0	4	0	0	0	0
98272	8	2.22%	29	0	3	0	0	0	5	0	0	1	0	0	2
98033	7	1.94%	34	0	0	0	0	0	0	0	1	0	0	0	0
98045	7	1.94%	28	0	0	0	0	0	0	0	3	0	0	0	0
98074	7	1.94%	26	5	0	0	1	0	0	0	3	0	0	0	0
98008	6	1.66%	25	0	0	0	0	0	5	0	0	0	0	0	0
98011	6	1.66%	23	5	0	0	0	0	3	0	1	0	0	0	0
98029	6	1.66%	21	5	0	0	1	0	3	0	0	0	0	0	0
98058	6	1.66%	12	7	9	0	0	0	0	0	6	0	0	0	0
98258	6	1.66%	21	5	4	0	0	0	0	0	0	0	0	0	0
98275	6	1.66%	22	4	3	0	0	0	0	0	2	0	0	0	0
98296	6	1.66%	25	0	4	0	0	0	2	0	0	0	0	0	0
98005	5	1.39%	27	0	0	0	0	0	0	0	0	0	0	0	0
98006	5	1.39%	24	0	0	0	2	0	0	0	0	0	0	0	0
98055	5	1.39%	21	1	5	0	0	0	0	0	0	0	0	0	0
98028	4	1.11%	13	0	0	0	0	0	2	0	6	0	0	0	0
98115	4	1.11%	15	0	0	0	4	0	0	0	1	0	0	0	0





Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98122	4	1.11%	6	0	0	4	10	0	0	0	0	0	0	0	0
98125	4	1.11%	21	0	0	0	0	0	0	0	0	0	0	0	0
98208	4	1.11%	15	0	4	0	0	0	0	0	0	0	0	0	0
98014	3	0.83%	15	0	0	0	0	0	0	0	0	0	0	0	0
98036	3	0.83%	15	0	1	0	0	0	0	0	0	0	0	0	0
98037	3	0.83%	10	5	0	0	0	0	0	0	0	0	0	0	0
98075	3	0.83%	0	5	0	0	3	0	2	0	0	0	0	0	0
98103	3	0.83%	10	0	0	0	2	0	3	0	0	0	0	0	0
98117	3	0.83%	7	5	0	0	0	0	0	0	3	0	0	0	0
98155	3	0.83%	17	0	0	0	0	0	0	0	0	0	0	0	0
98168	3	0.83%	10	7	0	0	0	0	0	0	0	0	0	0	0
98270	3	0.83%	15	0	0	0	0	0	0	0	0	0	0	0	2
98290	3	0.83%	9	0	5	3	0	0	0	0	0	0	0	0	0
98294	3	0.83%	15	0	0	0	0	0	0	0	0	0	0	0	0
97862	2	0.55%	2	0	0	0	0	0	0	0	5	0	0	0	0
98001	2	0.55%	5	0	5	0	0	0	0	0	0	0	0	0	0
98003	2	0.55%	11	0	0	0	0	0	0	0	0	0	0	0	0
98007	2	0.55%	6	0	0	0	0	0	4	0	0	0	0	0	0
98024	2	0.55%	9	0	0	1	0	0	0	0	0	0	0	0	0
98031	2	0.55%	4	7	0	0	0	0	0	0	0	3	0	0	0
98038	2	0.55%	10	0	0	0	0	0	0	0	0	0	0	0	0
98040	2	0.55%	10	0	0	0	0	0	0	0	0	0	0	0	0
98056	2	0.55%	10	0	0	0	0	0	0	0	0	0	0	0	0
98057	2	0.55%	5	0	5	0	0	0	0	0	0	0	0	0	0
98065	2	0.55%	10	0	0	0	0	0	0	0	0	0	0	0	0
98087	2	0.55%	12	0	0	0	0	0	0	0	0	0	0	0	0
98107	2	0.55%	3	0	2	5	0	0	0	0	0	0	0	0	0
98144	2	0.55%	5	5	0	0	0	0	0	0	0	0	0	0	1
98146	2	0.55%	10	0	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98148	2	0.55%	5	3	2	0	0	0	0	0	0	0	0	0	0
98178	2	0.55%	11	0	0	0	0	0	0	0	0	0	0	0	0
98203	2	0.55%	10	0	0	0	0	0	0	0	0	0	0	0	0
98271	2	0.55%	0	5	0	0	0	0	0	0	5	0	0	0	0
98374	2	0.55%	7	0	0	0	0	3	0	0	0	0	0	0	0
	1	0.28%	6	0	0	0	0	0	0	0	0	0	0	0	0
85083	1	0.28%	0	0	0	0	0	0	0	0	5	0	0	0	0
98002	1	0.28%	6	0	0	0	0	0	0	0	0	0	0	0	0
98004	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98020	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98023	1	0.28%	0	5	0	0	0	0	0	0	0	0	0	0	0
98026	1	0.28%	1	4	0	0	0	0	0	0	1	0	0	0	0
98030	1	0.28%	1	0	0	0	0	0	0	0	3	0	0	0	0
98032	1	0.28%	2	0	3	0	0	0	0	0	0	0	0	0	0
98039	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98042	1	0.28%	0	0	5	0	0	0	0	0	0	0	0	0	0
98092	1	0.28%	6	0	0	0	0	0	0	0	0	0	0	0	0
98102	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98105	1	0.28%	4	0	0	0	0	0	0	0	1	0	0	0	0
98108	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98109	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98110	1	0.28%	0	0	0	0	0	0	0	0	0	0	5	0	0
98112	1	0.28%	4	0	0	0	0	0	0	0	1	0	0	0	0
98116	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98118	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98119	1	0.28%	1	0	0	0	4	0	0	0	0	0	0	0	0
98121	1	0.28%	0	0	0	0	0	0	0	0	0	0	0	0	0
98133	1	0.28%	3	0	0	2	0	0	0	0	0	0	0	0	0
98136	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98166	1	0.28%	0	5	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98198	1	0.28%	6	0	0	0	0	0	0	0	0	0	0	0	0
98201	1	0.28%	2	5	0	0	0	0	0	0	0	0	0	0	0
98221	1	0.28%	1	0	0	0	0	0	0	0	4	0	0	0	0
98223	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98239	1	0.28%	1	0	2	0	2	0	0	0	0	0	0	0	0
98312	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98342	1	0.28%	0	0	0	0	0	0	0	0	5	0	0	0	0
98371	1	0.28%	0	0	4	0	0	0	0	0	0	0	0	0	0
98373	1	0.28%	5	0	0	0	0	0	0	0	0	0	0	0	0
98424	1	0.28%	7	0	0	0	0	0	0	0	0	0	0	0	0
98445	1	0.28%	0	0	5	0	0	0	0	0	0	0	0	0	0
98913	1	0.28%	1	0	0	0	4	0	0	0	0	0	0	0	0
98922	1	0.28%	1	0	4	0	0	0	0	0	0	0	0	0	0